



I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

 FOR
Kathryn P. Harvey, State Design Engineer

Memorandum

DATE: August 13, 2013
TO: Laura Ellen, District Design Liaison
FROM: Ron Sage, Highway Traffic Engineer *RS*
SUBJECT: Design, Public Interest Finding
Central School Rd. & Highfield Dr. Traffic Signal, St. Charles County
Job No. CMAQ-7302(636)

We request approval of a finding in the public interest to use the equipment mentioned below for the above mentioned project. The scope of this project is to provide a new traffic signal compliant with the GGL – Gateway Green Light project, CMAQ-5414(616). The GGL project is replacing over 300 traffic signal controllers in Saint Charles County and has begun the implementation of a centralized software program called Transcore TransSuite. County/MoDOT software servers and contracted staff currently manage signal operations at the MoDOT TMC in Chesterfield.

The only local traffic signal controller equipment suppliers who have offices and support staff in this area are Brown Traffic Products and Traffic Control Corporation. They are factory distributors for Siemens and Econolite respective. The following specified controllers would allow these two local suppliers to bid competitively with interested contractors:

1. NEMA TS2 Controller, National Transportation Communications for ITS Protocol - NTCIP compliant; Siemens controller model 3468M52 or Econolite controller model number ASC/3-1000.

The Ethernet LAN switches supplied on the GGL project are all manufactured by Cisco. The powerful Cisco server switches, providing internet hardware firewalls and communication traffic management with the TranSuite software, are in use at the MoDOT TMC. Unfortunately, Cisco switches are only compatible with other Cisco switches. We have specified one Cisco switch model number ASA5505-BUN-K9 for this project to be compatible with the same switches provided for every existing traffic signal in Saint Charles County. We ask for your approval to utilize this switch due to assured compatibility within the centralized traffic signal system.

Thank you for your time and consideration of this Public Interest Finding. The County seeks MoDOT approval of this request at its earliest convenience.

Approved by:

_____ Date _____

_____ Date _____